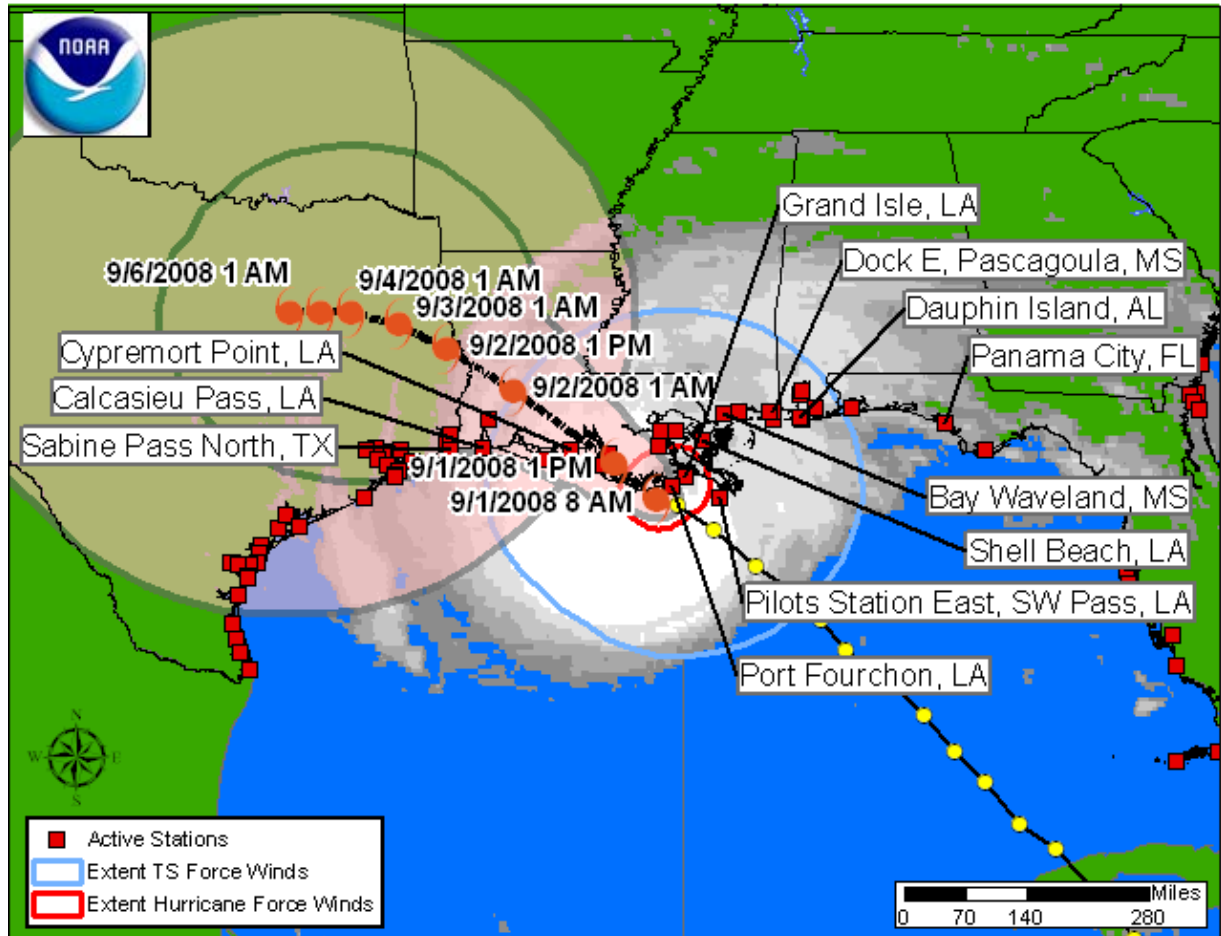




Hurricane GUSTAV QuickLook  
Posted: 09:00 CDT 09/01/2008

NOAA and NOAA Partnership Stations Relative to the Storm



#### Storm Analysis

The National Hurricane Center has indicated the eyewall of Hurricane Gustav is moving onto the southeastern Louisiana coast.

As of 09/01/2008 09:00 CDT, water levels along the coast of West and Southwest Florida are falling. Water levels along the northern Gulf Coast from Panama City, FL to Grand Isle, LA are rising and 2 - 8 feet above predicted with levels at Shell Beach, LA and Bay Waveland Yacht Club, LA close to 8 feet above predictions. Along the Gulf coast from Cypremort Point, LA westward to Sabine Pass North, TX, water levels are at or a little below predicted. Winds are increasing along the coasts of Alabama, Louisiana and Mississippi with gusts up to 100 mph measured at Pilots Station East, SW Pass, LA. Gusts over 60 mph have been measured at Grand Isle and Shell Beach, LA.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Port Fourchon, LA: Next predicted high tide is 1.20 ft (0.37 m) at 09/01/2008 14:33 CDT.

Grand Isle, LA: Next predicted high tide is 0.90 ft (0.27 m) at 09/01/2008 13:58 CDT.

Shell Beach, LA: Next predicted high tide is 0.72 ft (0.22 m) at 09/01/2008 15:18 CDT.

Pilots Station East, SW Pass, LA: Next predicted high tide is 1.00 ft (0.31 m) at 09/01/2008 12:14 CDT.

Bay Waveland Yacht Club, MS: Next predicted high tide is 1.30 ft (0.40 m) at 09/01/2008 14:48 CDT.

Dock E, Port of Pascagoula, MS: Next predicted high tide is 1.07 ft (0.33 m) at 09/01/2008 12:30 CDT.

Dauphin Island, AL: Next predicted high tide is 0.90 ft (0.27 m) at 09/01/2008 13:18 CDT.

Panama City, FL: Next predicted high tide is 0.90 ft (0.27 m) at 09/01/2008 12:47 CDT.

Cypremore Point, LA: Next predicted high tide is 1.31 ft (0.40 m) at 09/01/2008 20:00 CDT.

Calcasieu Pass, LA: Next predicted high tide is 2.00 ft (0.61 m) at 09/01/2008 16:06

Sabine Pass North, TX: Next predicted high tide is 1.60 ft (0.49 m) at 09/01/2008 17:02 CDT.

For additional data, please see the [Center for Operational Oceanographic Products & Services website](#). For more information or archived products and reports, please see the [Storm QuickLook Homepage](#).

Analyst: PFF

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SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

HURRICANE GUSTAV INTERMEDIATE ADVISORY NUMBER 31B

800 AM CDT MON SEP 01 2008

...GUSTAV WEAKENS TO A CATEGORY TWO HURRICANE...EYEWALL MOVING ONTO THE SOUTHEASTERN LOUISIANA COAST...

A HURRICANE WARNING REMAINS IN EFFECT FROM JUST EAST OF HIGH ISLAND TEXAS EASTWARD TO THE MISSISSIPPI-ALABAMA BORDER...INCLUDING THE CITY OF NEW ORLEANS AND LAKE PONTCHARTRAIN.

A TROPICAL STORM WARNING REMAINS IN EFFECT FROM EAST OF THE MISSISSIPPI-ALABAMA BORDER TO THE OCHLOCKONEE RIVER.

**AT 800 AM CDT THE CENTER OF HURRICANE GUSTAV WAS LOCATED 80 MILES SOUTH-SOUTHWEST OF NEW ORLEANS LOUISIANA AND ABOUT 130 MILES SOUTHEAST OF LAFAYETTE LOUISIANA. THIS POSITION IS ALSO ABOUT 20 MILES SOUTHWEST OF PORT FOURCHON ALONG THE LOUISIANA COAST.**

**GUSTAV IS MOVING TOWARD THE NORTHWEST NEAR 16 MPH AND THIS MOTION IS EXPECTED TO CONTINUE FOR THE NEXT DAY OR SO WITH SOME DECREASE IN FORWARD SPEED AND A GRADUAL TURN TOWARD THE WEST- NORTHWEST ON TUESDAY. ON THE FORECAST TRACK...THE CENTER WILL CROSS THE LOUISIANA COAST BY MIDDAY TODAY.**

**REPORTS FROM AIR FORCE RESERVE AND NOAA HURRICANE HUNTER AIRCRAFT INDICATE THAT MAXIMUM SUSTAINED WINDS HAVE DECREASED TO NEAR 110 MPH WITH HIGHER GUSTS. THIS MAKES GUSTAV A CATEGORY TWO HURRICANE ON THE SAFFIR-SIMPSON SCALE. NO SIGNIFICANT CHANGE IN STRENGTH IS LIKELY BEFORE LANDFALL...WITH WEAKENING EXPECTED TO BEGIN AFTER GUSTAV MOVES INLAND LATER TODAY.**

**HURRICANE FORCE WINDS EXTEND OUTWARD UP TO 70 MILES FROM THE CENTER...AND TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 230 MILES. THE NATIONAL OCEAN SERVICE STATION IN SHELL BEACH LOUISIANA RECENTLY REPORTED A WIND GUST OF 64 MPH.**

**THE MINIMUM CENTRAL PRESSURE JUST REPORTED BY AN AIR FORCE RESERVE HURRICANE HUNTER AIRCRAFT IS 957 MB...28.26 INCHES.**

**AN EXTREMELY DANGEROUS STORM SURGE OF 10 TO 14 FEET ABOVE NORMAL TIDAL LEVELS IS EXPECTED NEAR AND TO THE EAST OF WHERE THE CENTER OF GUSTAV CROSSES THE COAST.**

**GUSTAV IS EXPECTED TO PRODUCE TOTAL RAINFALL ACCUMULATIONS OF 6 TO 12 INCHES OVER PORTIONS OF LOUISIANA...SOUTHERN AND WESTERN MISSISSIPPI...ARKANSAS AND NORTHEASTERN TEXAS...WITH ISOLATED MAXIMUM AMOUNTS OF UP TO 20 INCHES POSSIBLE THROUGH THURSDAY.**

**ISOLATED TORNADOES ARE POSSIBLE OVER THE CENTRAL GULF COAST TODAY.**

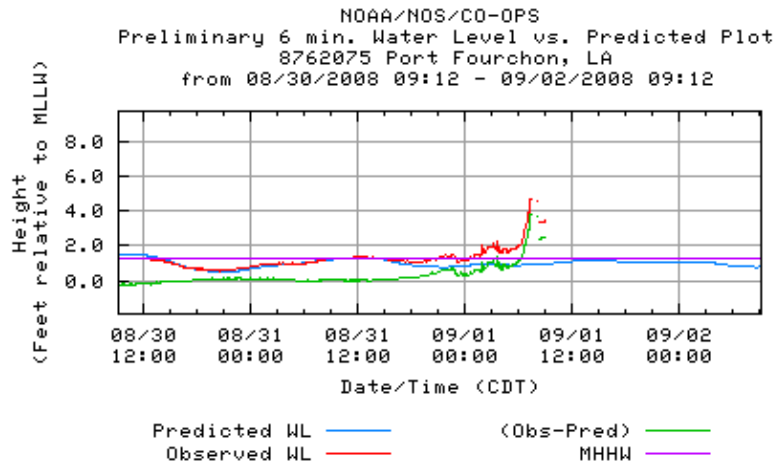
**FORECASTER BEVEN**

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Port Fourchon - Water Level](#), [Grand Isle - Water Level](#), [Grand Isle - Air/Water Temp](#), [Grand Isle - Winds](#), [Grand Isle - Barometric](#), [Shell Beach - Water Level](#), [Shell Beach - Winds](#), [Pilots Station East, SW Pass - Water Level](#), [Pilots Station East, SW Pass - Air/Water Temp](#), [Pilots Station East, SW Pass - Winds](#), [Pilots Station East, SW Pass - Barometric](#), [Bay Waveland Yacht Club - Water Level](#), [Bay Waveland Yacht Club - Air/Water Temp](#), [Bay Waveland Yacht Club - Winds](#), [Bay Waveland Yacht Club - Barometric](#), [Dock E, Port of Pascagoula - Water Level](#), [Dauphin Island -](#)

Water Level, Dauphin Island - Air/Water Temp, Dauphin Island - Winds, Dauphin Island - Barometric, Panama City -  
Water Level, Panama City - Air/Water Temp, Panama City - Winds, Panama City - Barometric, Cypremort Point - Water  
Level, Calcasieu Pass - Water Level, Calcasieu Pass - Air/Water Temp, Calcasieu Pass - Winds, Calcasieu Pass -  
Barometric, Sabine Pass North - Water Level, Sabine Pass North - Air/Water Temp, Sabine Pass North - Winds, Sabine  
Pass North - Barometric,

**Port Fourchon, LA - Station Map** [Return to List](#)

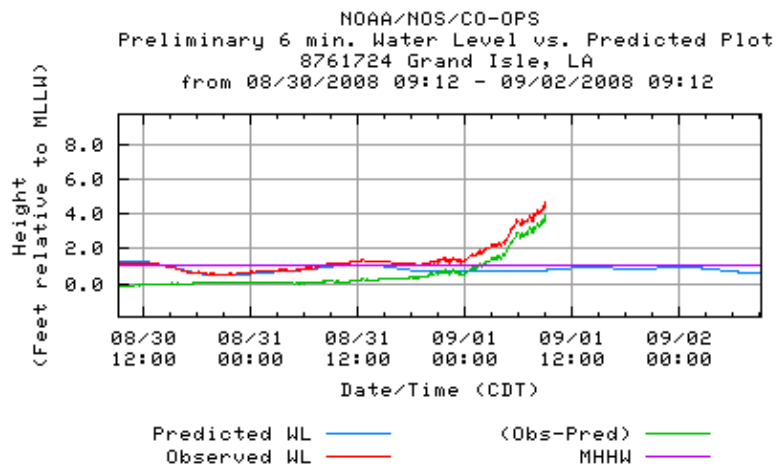


Last Observed Sample: 09/01/2008 09:06 (CDT)

Relative to **MLLW**: **Observed: 3.43 ft. Predicted: 0.98 ft. Residual: 2.45 ft.**

Historical Maximum Water Level: 09/24/2005, 3.8 ft. above **MHHW**

**Grand Isle, LA - Station Map** [Return to List](#)

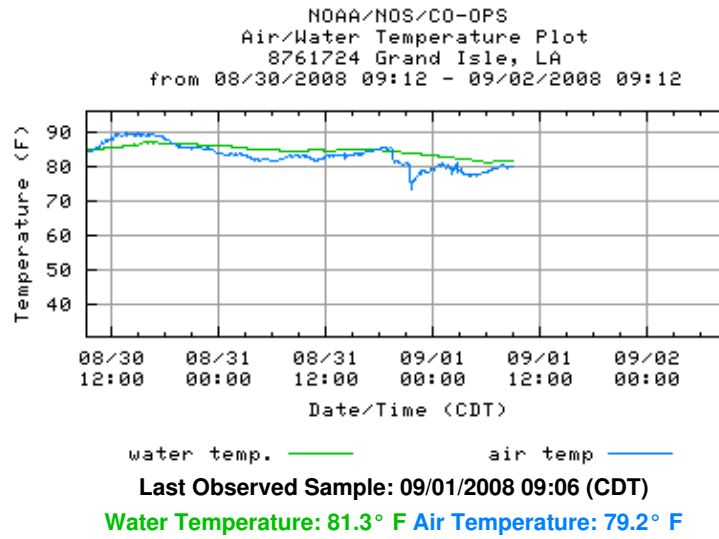


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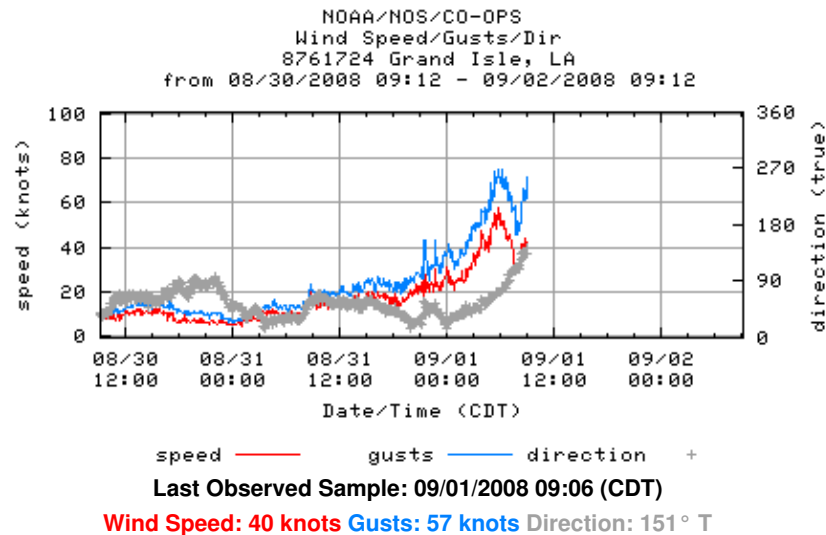
Relative to **MLLW**: **Observed: 4.48 ft. Predicted: 0.78 ft. Residual: 3.70 ft.**

Historical Maximum Water Level: n/a

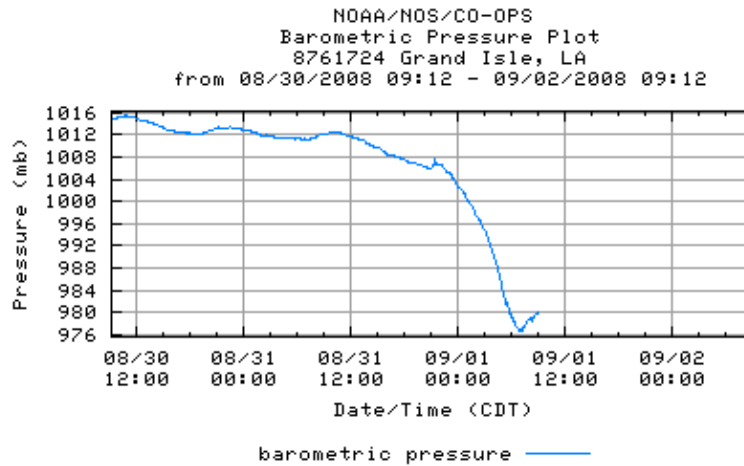
**Grand Isle, LA - Station Map** [Return to List](#)



**Grand Isle, LA - Station Map** [Return to List](#)



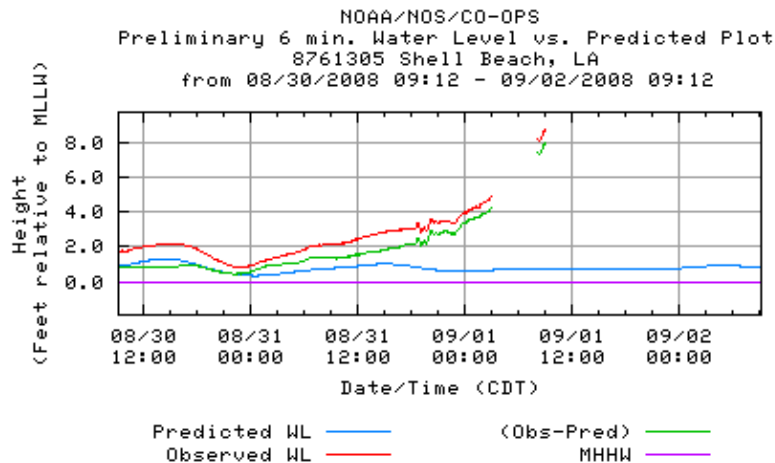
**Grand Isle, LA - Station Map** [Return to List](#)



Last Observed Sample: 09/01/2008 09:06 (CDT)

Barometric Pressure: 980.6 mb

**Shell Beach, LA - Station Map** [Return to List](#)

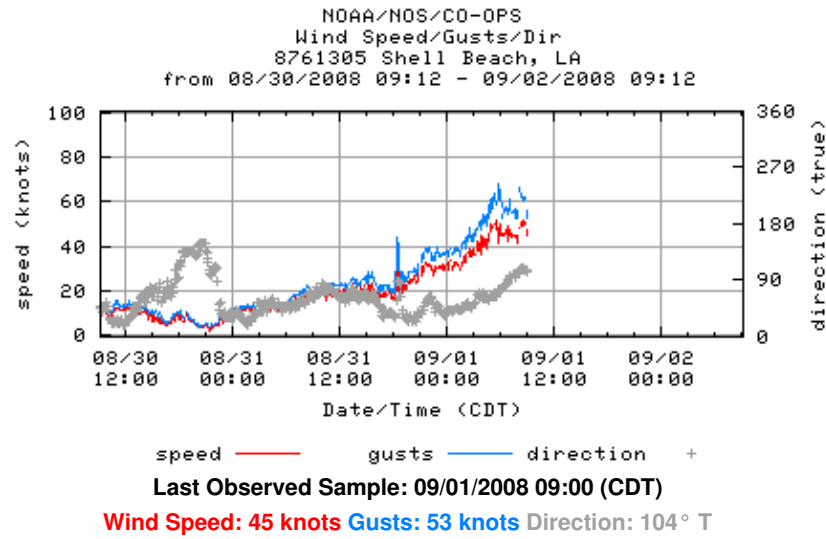


Last Observed Sample: 09/01/2008 09:00 (CDT)

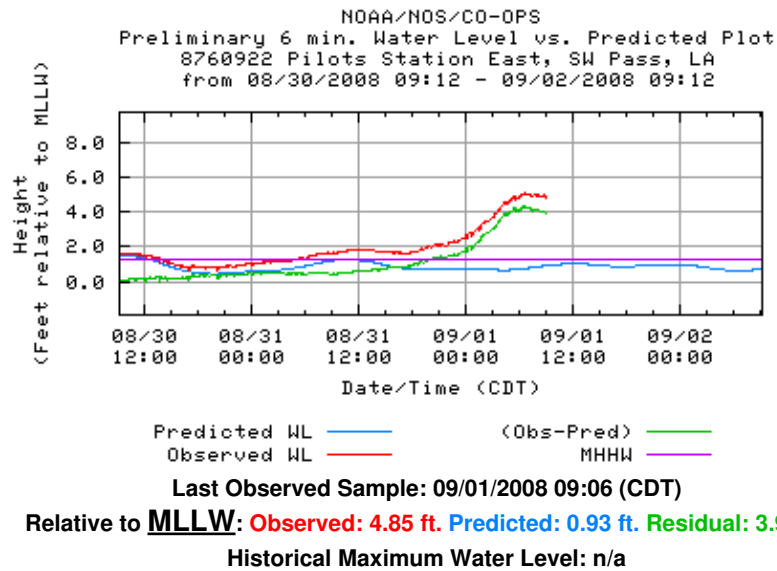
Relative to **MLLW**: **Observed: 8.74 ft.** **Predicted: 0.75 ft.** **Residual: 7.99 ft.**

Historical Maximum Water Level: 01/20/1983, 5.69 ft. above **MHHW**

**Shell Beach, LA - Station Map** [Return to List](#)

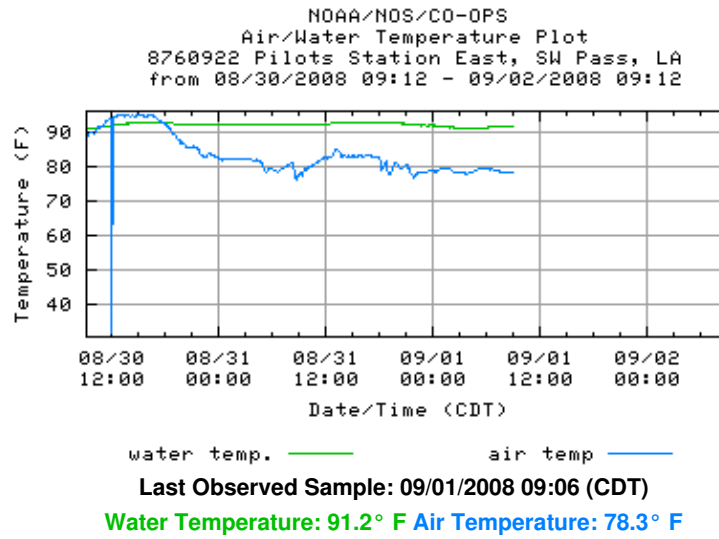


**Pilots Station East, SW Pass, LA - Station Map** [Return to List](#)

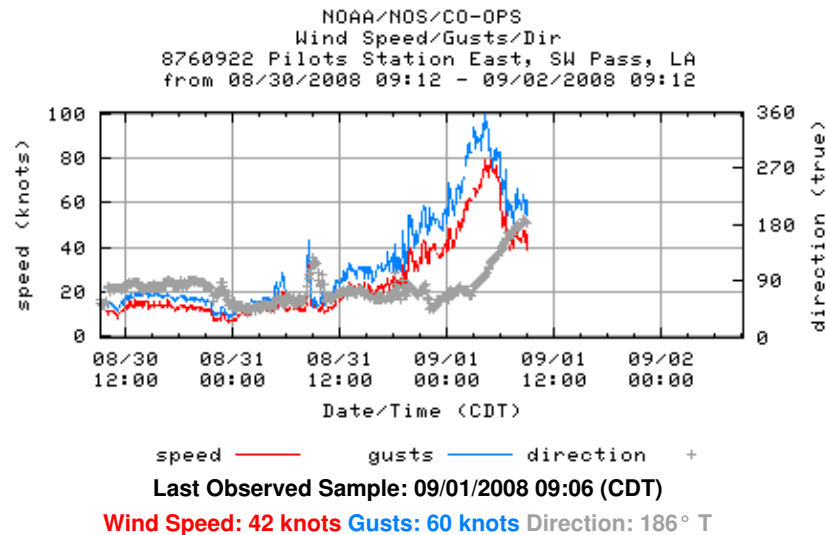




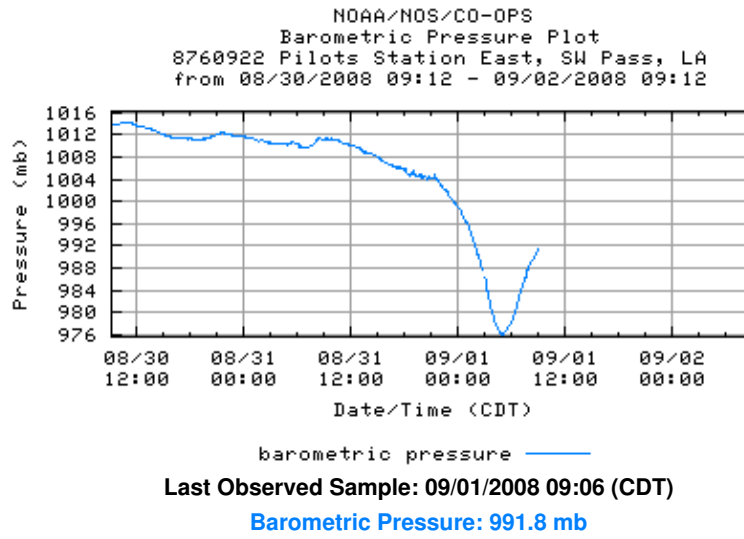
**Pilots Station East, SW Pass, LA - Station Map** [Return to List](#)



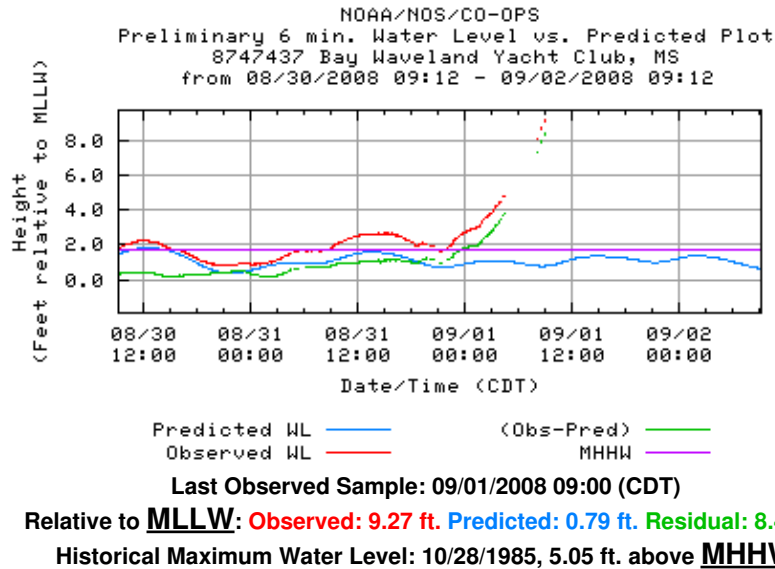
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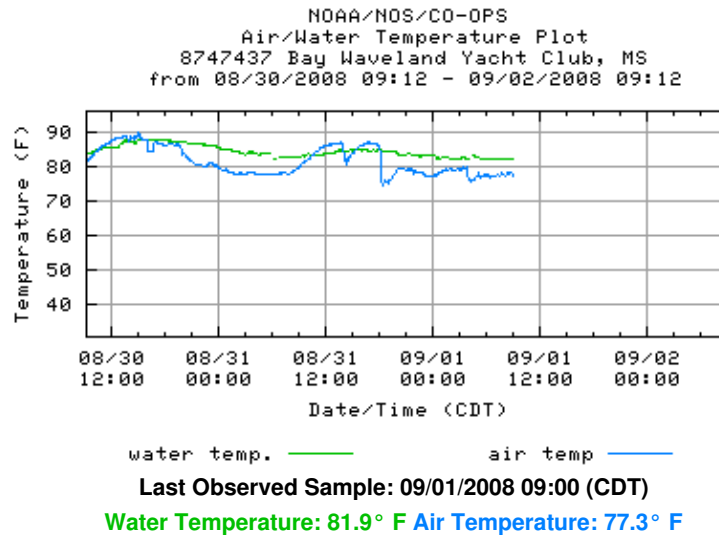
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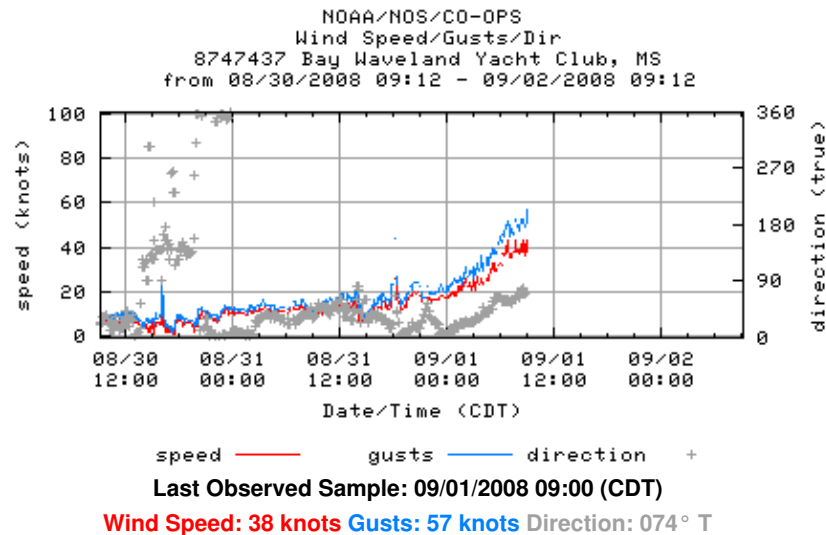
**Bay Waveland Yacht Club, MS - Station Map** [Return to List](#)



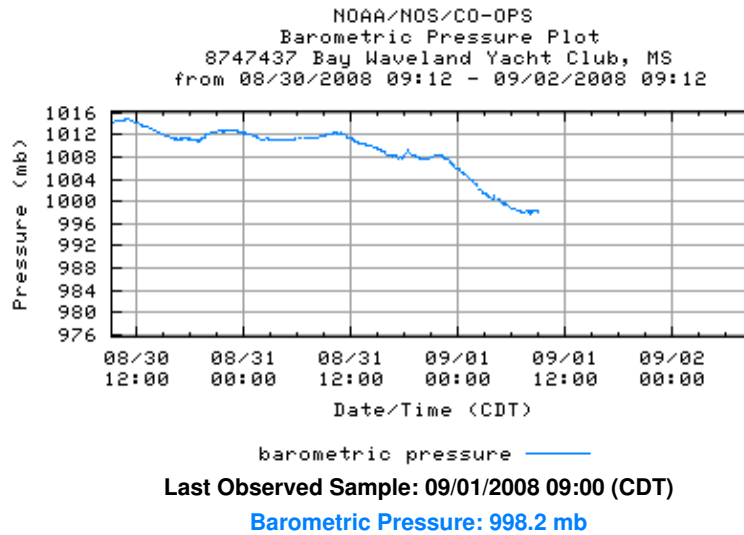
**Bay Waveland Yacht Club, MS - Station Map** [Return to List](#)



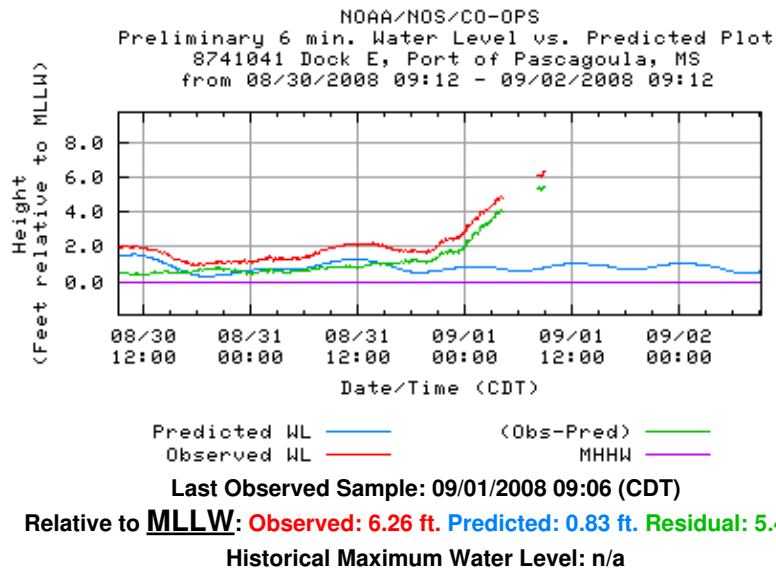
**Bay Waveland Yacht Club, MS - Station Map** [Return to List](#)



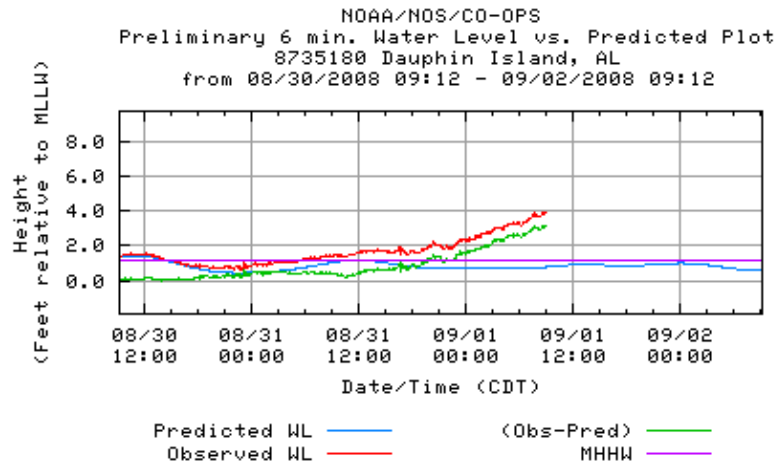
**Bay Waveland Yacht Club, MS - Station Map** [Return to List](#)



**Dock E, Port of Pascagoula, MS - Station Map** [Return to List](#)



**Dauphin Island, AL - Station Map** [Return to List](#)

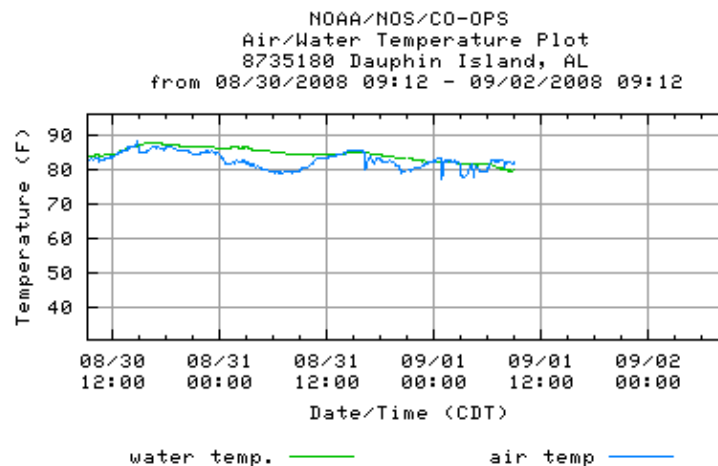


Last Observed Sample: 09/01/2008 09:00 (CDT)

Relative to **MLLW**: **Observed: 3.91 ft. Predicted: 0.79 ft. Residual: 3.12 ft.**

Historical Maximum Water Level: 09/02/1985, 3.36 ft. above **MHHW**

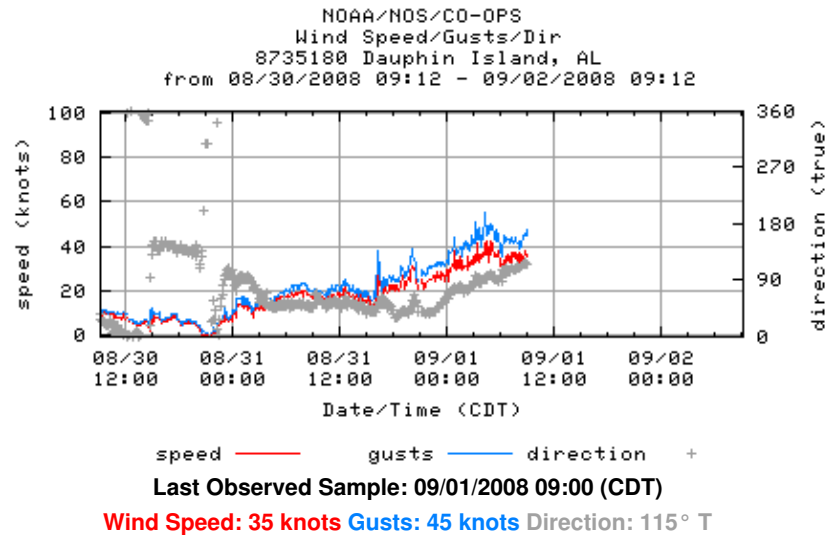
**Dauphin Island, AL - Station Map** [Return to List](#)



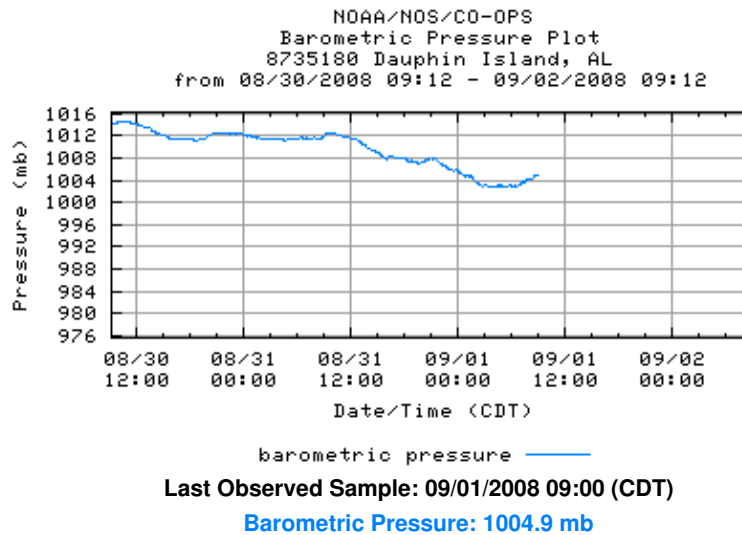
Last Observed Sample: 09/01/2008 09:00 (CDT)

**Water Temperature: 79.7° F Air Temperature: 81.9° F**

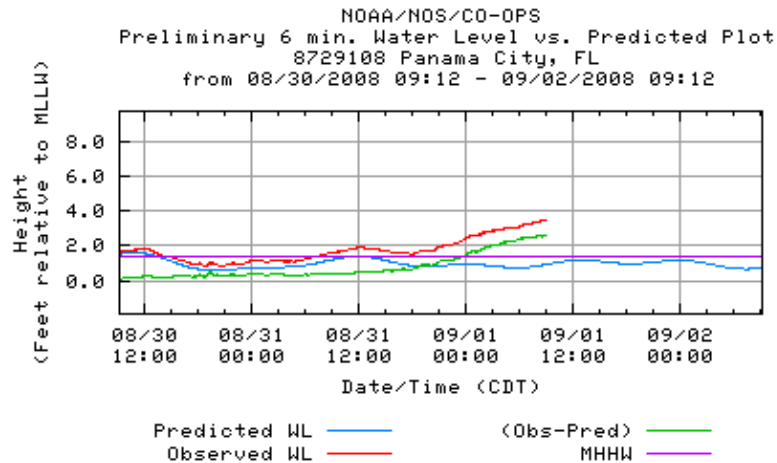
**Dauphin Island, AL - Station Map** [Return to List](#)



**Dauphin Island, AL - Station Map** [Return to List](#)



**Panama City, FL - Station Map** [Return to List](#)

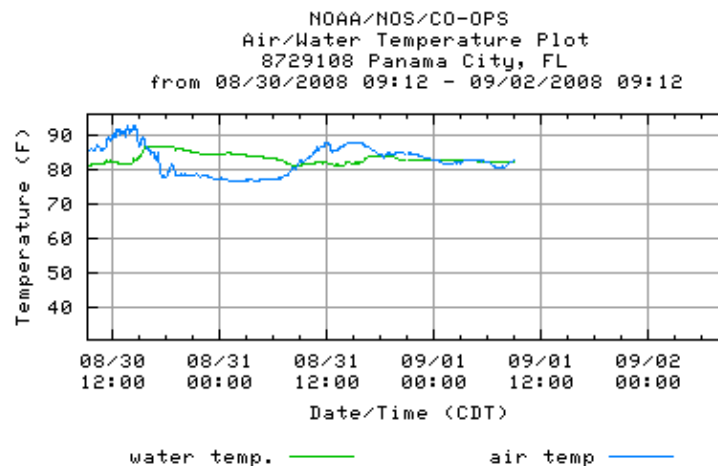


Last Observed Sample: 09/01/2008 09:00 (CDT)

Relative to **MLLW**: **Observed: 3.51 ft. Predicted: 0.93 ft. Residual: 2.58 ft.**

Historical Maximum Water Level: 10/04/1995, 5.72 ft. above **MHHW**

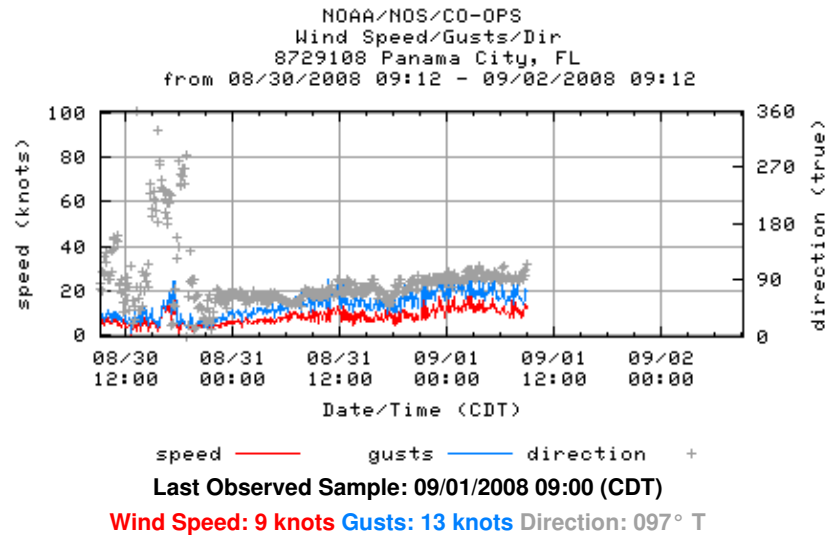
**Panama City, FL - Station Map** [Return to List](#)



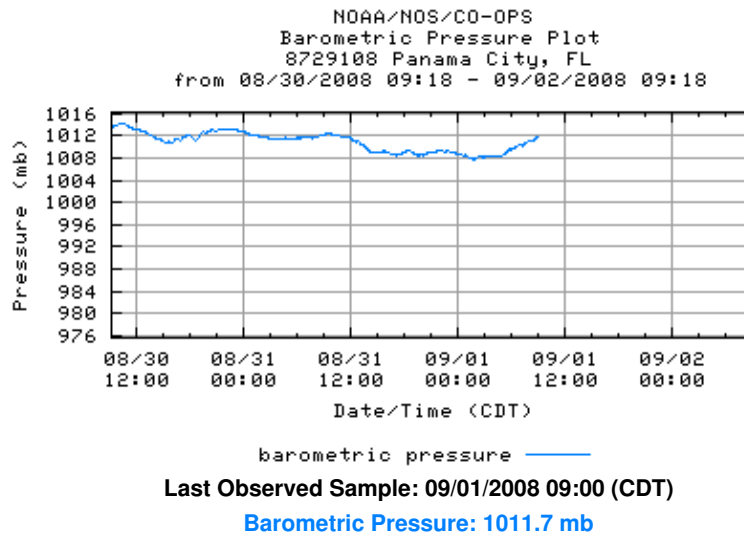
Last Observed Sample: 09/01/2008 09:00 (CDT)

**Water Temperature: 82.2° F Air Temperature: 83.3° F**

**Panama City, FL - Station Map** [Return to List](#)

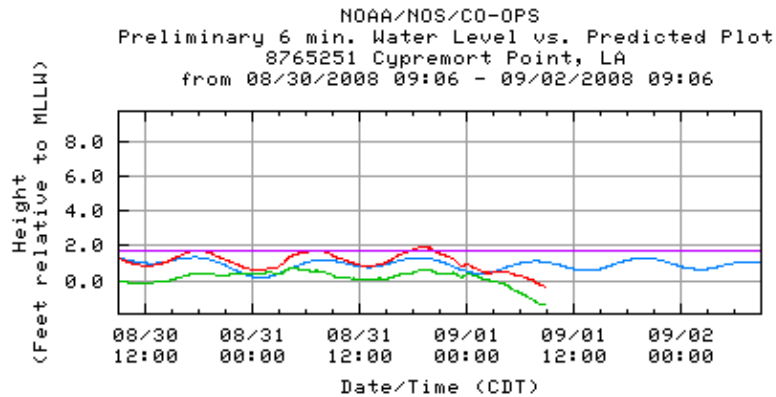


**Panama City, FL - Station Map** [Return to List](#)





**Cypremort Point, LA - Station Map** [Return to List](#)

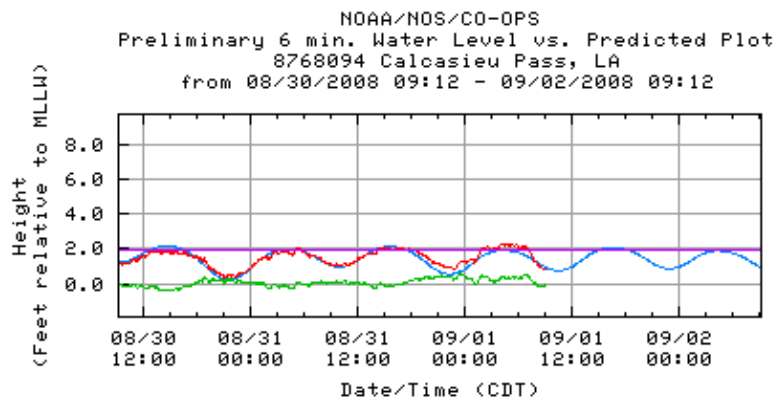


Last Observed Sample: 09/01/2008 08:48 (CDT)

Relative to **MLLW**: **Observed: -0.33 ft. Predicted: 1.09 ft. Residual: -1.42 ft.**

Historical Maximum Water Level: n/a

**Calcasieu Pass, LA - Station Map** [Return to List](#)

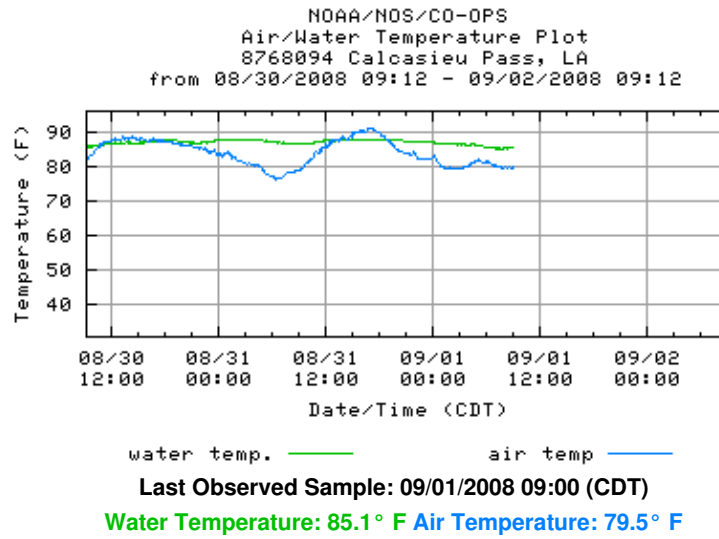


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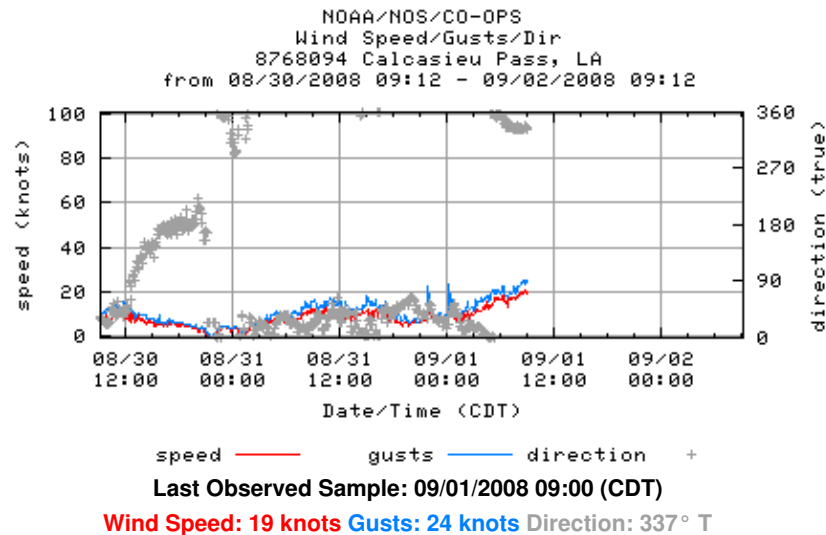
Relative to **MLLW**: **Observed: 0.87 ft. Predicted: 0.96 ft. Residual: -0.09 ft.**

Historical Maximum Water Level: n/a

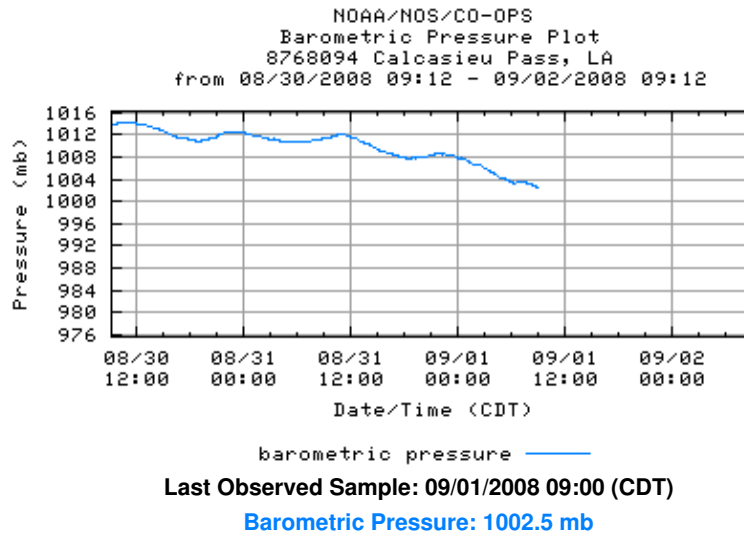
**Calcasieu Pass, LA - Station Map** [Return to List](#)



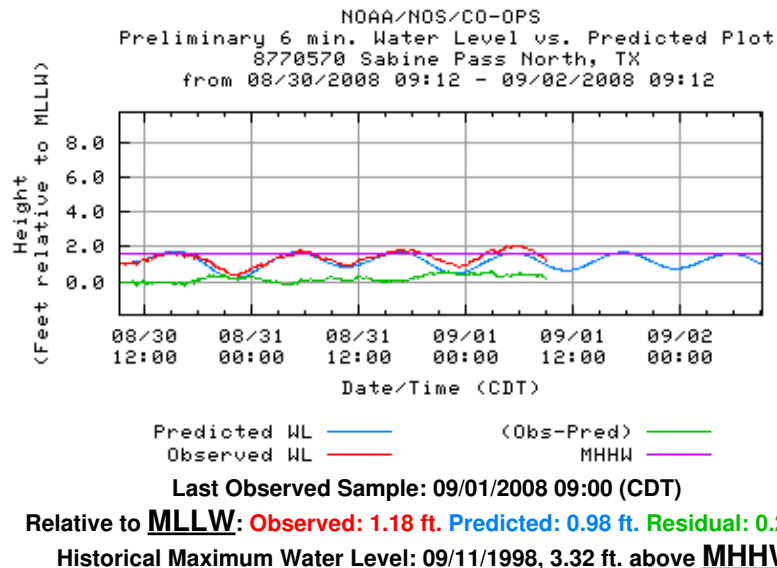
**Calcasieu Pass, LA - Station Map** [Return to List](#)



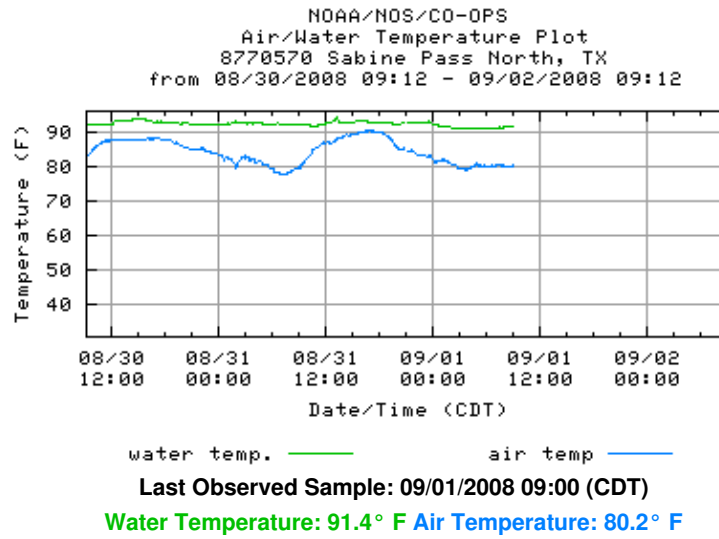
**Calcasieu Pass, LA - Station Map** [Return to List](#)



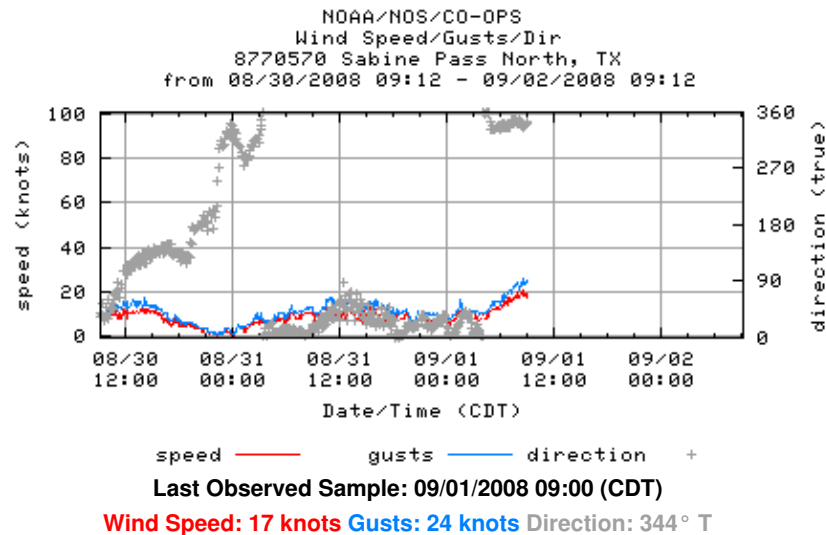
**Sabine Pass North, TX - Station Map** [Return to List](#)



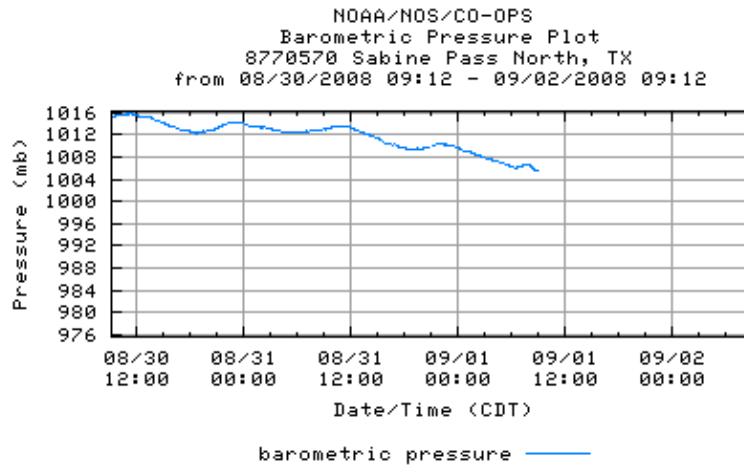
**Sabine Pass North, TX - Station Map** [Return to List](#)



**Sabine Pass North, TX - Station Map** [Return to List](#)



**Sabine Pass North, TX - Station Map** [Return to List](#)



**Last Observed Sample: 09/01/2008 09:00 (CDT)**

**Barometric Pressure: 1005.5 mb**

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)  
National Oceanic and Atmospheric Administration | U.S. Department of Commerce